

VH DOMAIN

	10	20	30	40
MaE11	DVQLQESGPG * * *	LVKPSQSLSL * * *	ACSVT <u>GYSITS</u> * * *	[GYSWN]WIRQF *
F(ab)-2	EVQLVESGGG	LVQPGGSLRL	SCAVSGYSITS * * * * *	[GYSWN]WIRQA * * * *
humIII	EVQLVESGGG	LVQPGGSLRL	SCAASGFTF-S	[DYAMS]WVRQA
	49	60	70	80
MaE11	PGNKLEWMG ** **	[SITYDGSSNYN PSLKN]RISVT * * * * *		RDTSQNQFFL * * * *
F(ab)-2	PGKGLEWVA	[SITYDGSTNYA DSVKG]RFTIS * * * * *		RDDSKNTFYL
humIII	PGKGLEWVA	[VISNGSDTYYA DSVKG]RFTIS		RDDSKNTLYL
	82abc 90	100abcd	103	113
MaE11	KLNSATAEDTATY ** ** *	YCAR[GSHYFGHWHFAV] * *	WGAGTTVT	VSS
F(ab)-2	QMNSLRAEDTAVY	YCAR[GSHYFGHWHFAV] * * * * *	WGQGTTLVT	VSS
humIII	QMNSLRAEDTAVY	YCAR[DSRFF-----DV]	WGQGTTLVT	VSS

VL DOMAIN

	10	20	30	32abcd	40
MaE11	DIQLTQSPAS *	LAVSLGQRAT * * * * *	ISC[KASQSVD YDGDSYMN] * *		WYQQKP
F(ab)-2	DIQLTQSPSS	LSASVGDRVT	ITC[RASQSVD YDGDSYMN] * * * * *		WYQQKP
humk1	DIQMTQSPSS	LSASVGDRVT	ITC[RASQSVD IS--SYLN]		WYQQKP
	49	60	70	80	
MaE11	GQPPILLIY * * *	[AASYLGSEIPA * * * *	RFSGSGSGTD	FTLNHPVEE * * * * *	
F(ab)-2	GKAPKLLIY	[AASYLES]GVPS *	RFSGSGSGTD	FTLTISLQP	
humk1	GKAPKLLIY	[AASSLES]GVPS	RFSGSGSGTD	FTLTISLQP	
	88	97	107		
MaE11	EDAATFYC * *	[QQSHEDPYT]	FGAGTKLEIK * *		
F(ab)-2	EDFATYYC	[QQSHEDPYT] * * * *	FGQGTKVEIK		
humk1	EDFATYYC	[QQYNSLPYT]	FGQGTKVEIK		

FIG._1

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LIGHT CHAIN

	10	20	30	40
e27	DIQLTQSPSS	LSASVGDRVT	ITCRASKEVD	<u>CEGDSYLNWY</u>
e26	DIQLTQSPSS	LSASVGDRVT	ITCRASKEVD	<u>CEGDSYLNWY</u>
e426	DIQLTQSPSS	LSASVGDRVT	ITCRASQSV	<u>YEGDSYLNWY</u>
e25	DIQLTQSPSS	LSASVGDRVT	ITCRASQSV	<u>YDGDSYMNWY</u>

CDR-L1

	50	60	70	80
e27	QQKPGKAPKL	<u>LIYAASYLES</u>	GVPSRFSGSG	SGTDFTLTIS
e26	QQKPGKAPKL	<u>LIYAASYLES</u>	GVPSRFSGSG	SGTDFTLTIS
e426	QQKPGKAPKL	<u>LIYAASYLES</u>	GVPSRFSGSG	SGTDFTLTIS
e25	QQKPGKAPKL	<u>LIYAASYLES</u>	GVPSRFSGSG	SGTDFTLTIS

CDR-L2

	90	100	110	
e27	SLQPEDFATY	<u>YCQQSHEDPY</u>	TFGQGTKVEI	KRTV
e26	SLQPEDFATY	<u>YCQQSHEDPY</u>	TFGQGTKVEI	KRTV
e426	SLQPEDFATY	<u>YCQQSHEDPY</u>	TFGQGTKVEI	KRTV
e25	SLQPEDFATY	<u>YCQQSHEDPY</u>	TFGQGTKVEI	KRTV

CDR-L3

HEAVY CHAIN

	10	20	30	40
e27	EVQLVESGGG	LVQPGGSLRL	SCAVSGYSIT	<u>SGYSWNWIRQ</u>
e26	EVQLVESGGG	LVQPGGSLRL	SCAVSGYSIT	<u>SGYSWNWIRQ</u>
e426	EVQLVESGGG	LVQPGGSLRL	SCAVSGYSIT	<u>SGYSWNWIRQ</u>
e25	EVQLVESGGG	LVQPGGSLRL	SCAVSGYSIT	<u>SGYSWNWIRQ</u>

CDR-H1

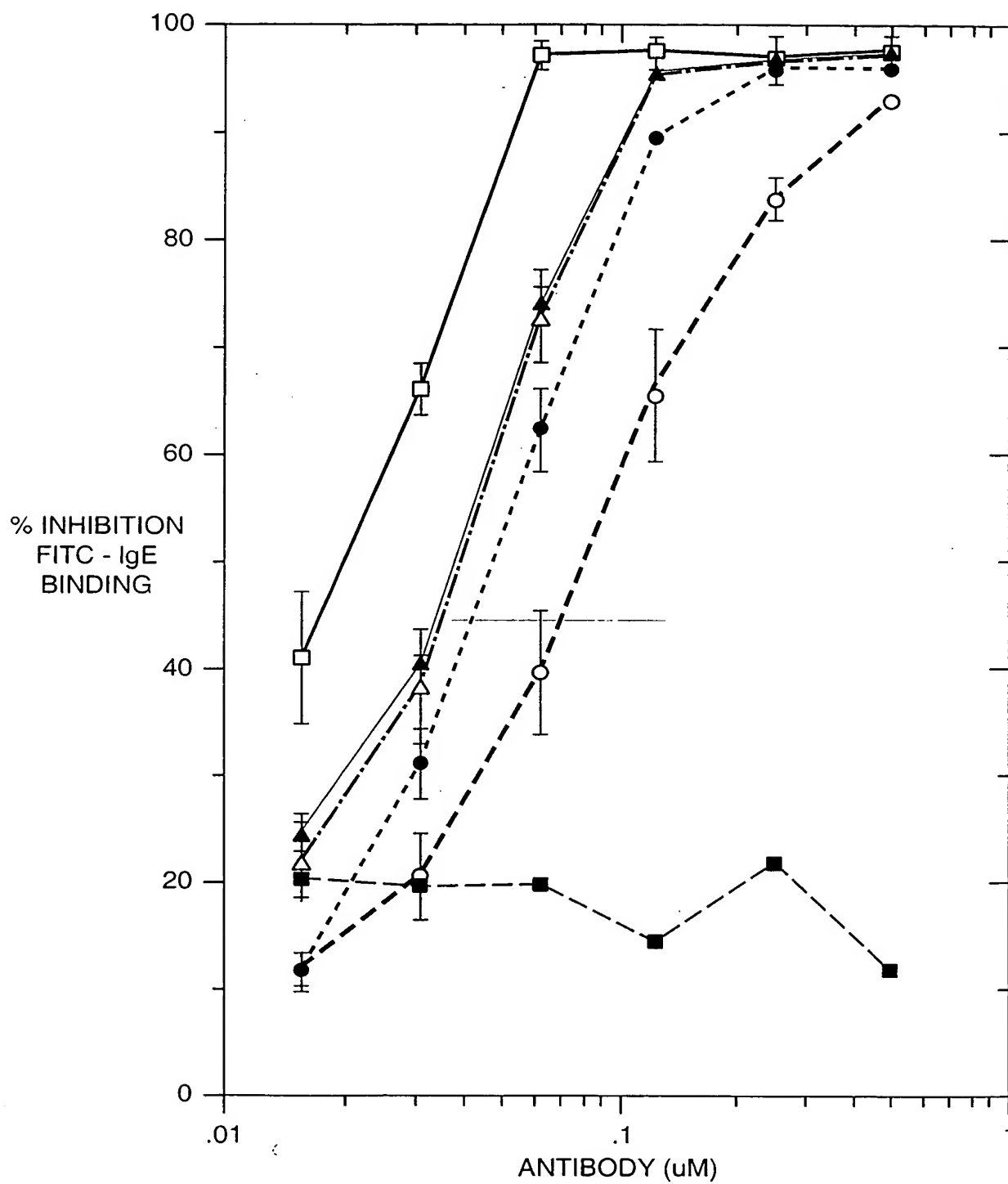
	50	60	70	80
e27	APGKGLEWVA	<u>SITYDGSTNY</u>	<u>NPSVKGRITI</u>	SRDDSKNTFY
e26	APGKGLEWVA	<u>SITYDGSTNY</u>	<u>NPSVKGRITI</u>	SRDDSKNTFY
e426	APGKGLEWVA	<u>SITYDGSTNY</u>	<u>NPSVKGRITI</u>	SRDDSKNTFY
e25	APGKGLEWVA	<u>SITYDGSTNY</u>	<u>NPSVKGRITI</u>	SRDDSKNTFY

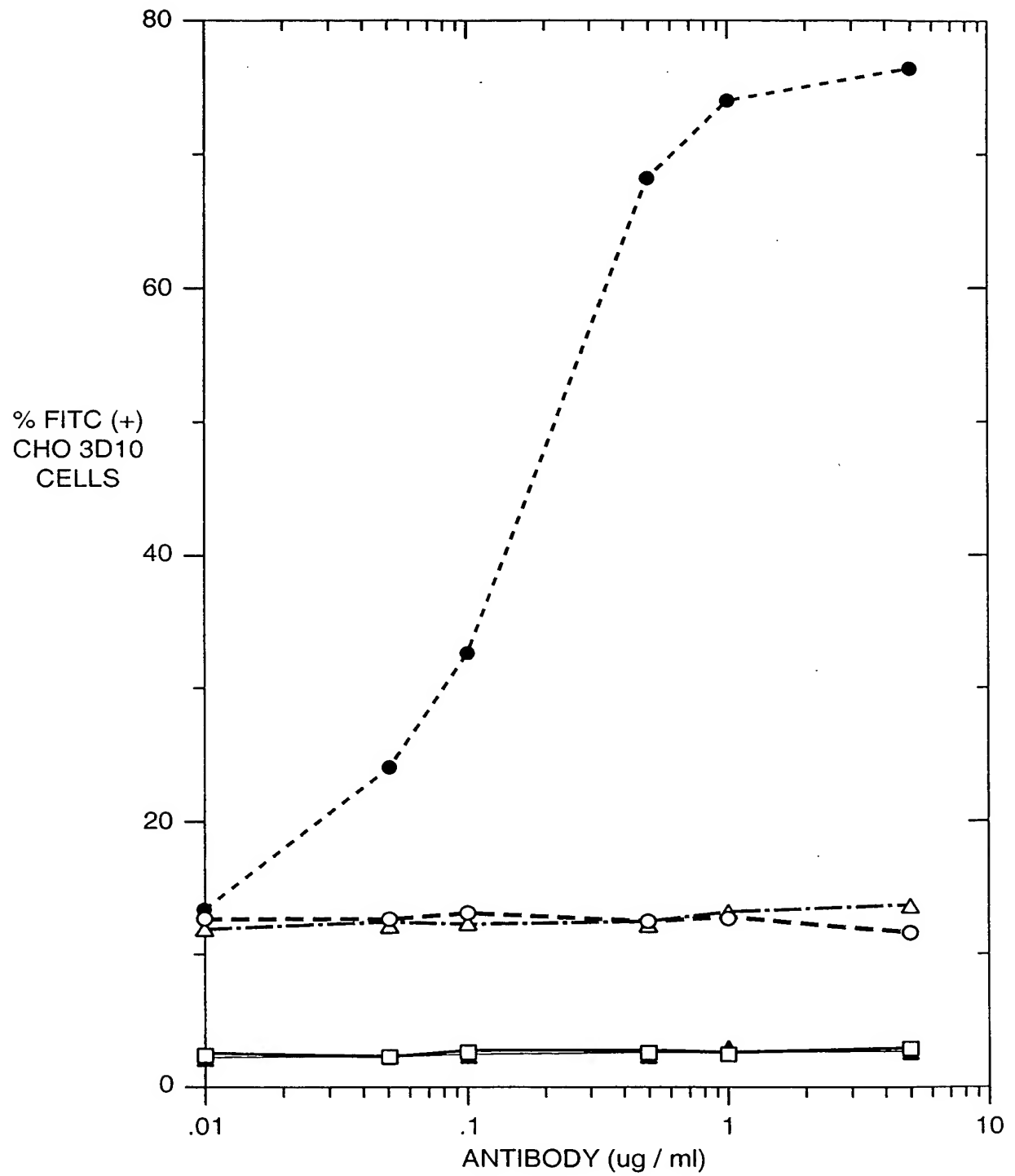
CDR-H2

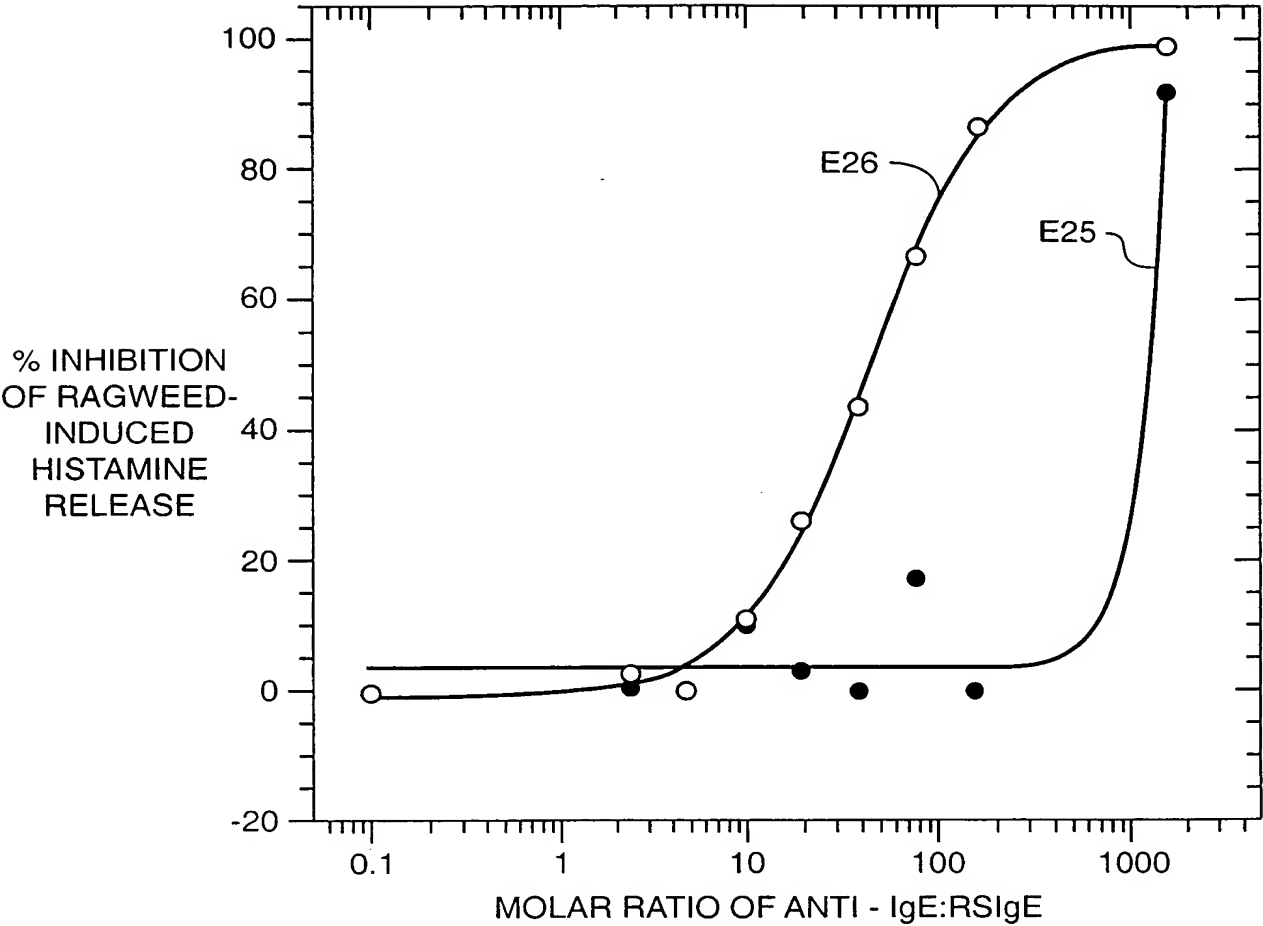
	90	100	110	
e27	LQMNSLRAED	<u>TAVYYCARGS</u>	<u>HYFGHWHFAV</u>	WGQG
e26	LQMNSLRAED	<u>TAVYYCARGS</u>	<u>HYFGHWHFAV</u>	WGQG
e426	LQMNSLRAED	<u>TAVYYCARGS</u>	<u>HYFGHWHFAV</u>	WGQG
e25	LQMNSLRAED	<u>TAVYYCARGS</u>	<u>HYFGHWHFAV</u>	WGQG

CDR-H3

FIG._2

**FIG. 3**

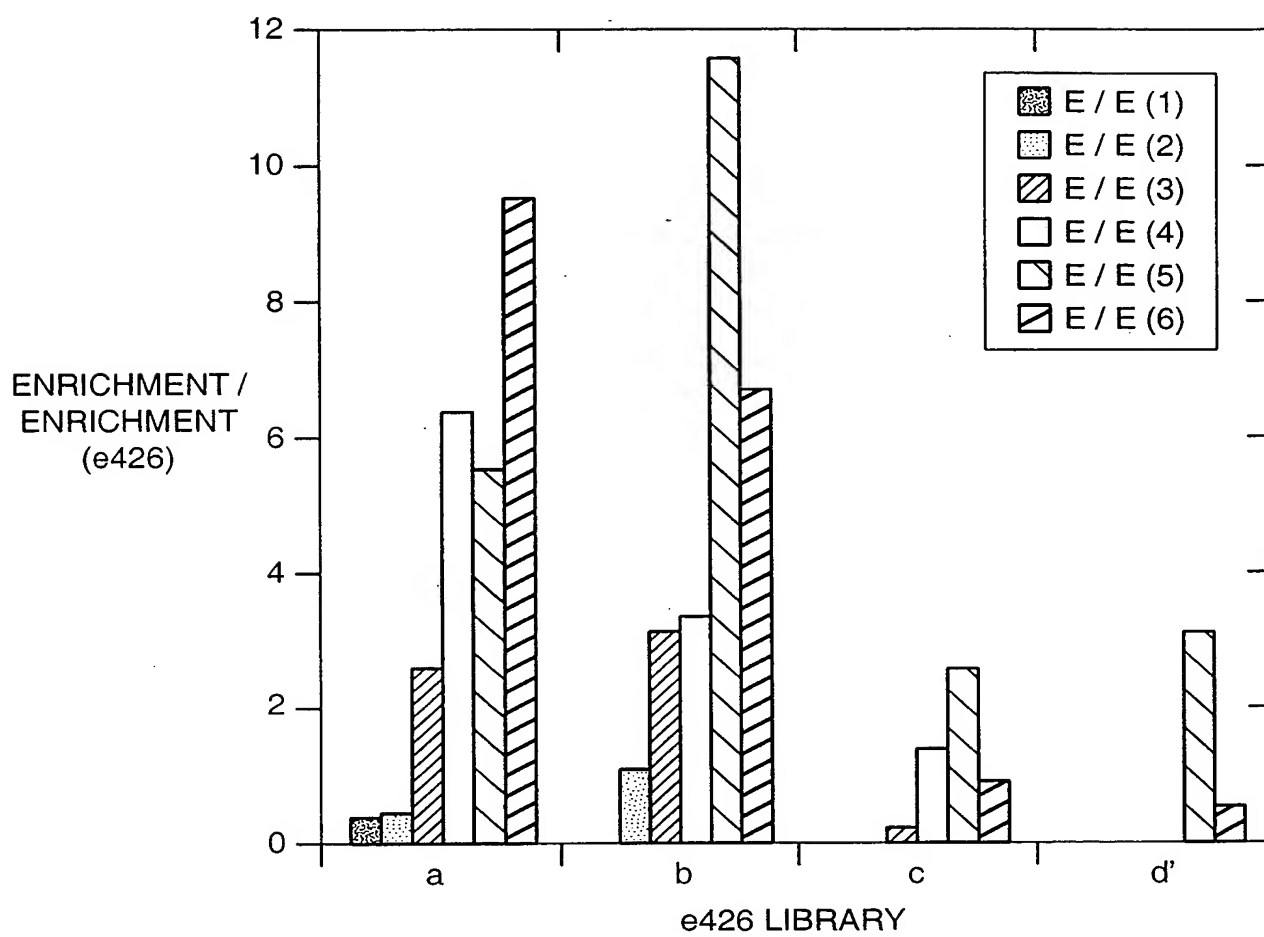
**FIG. 4**

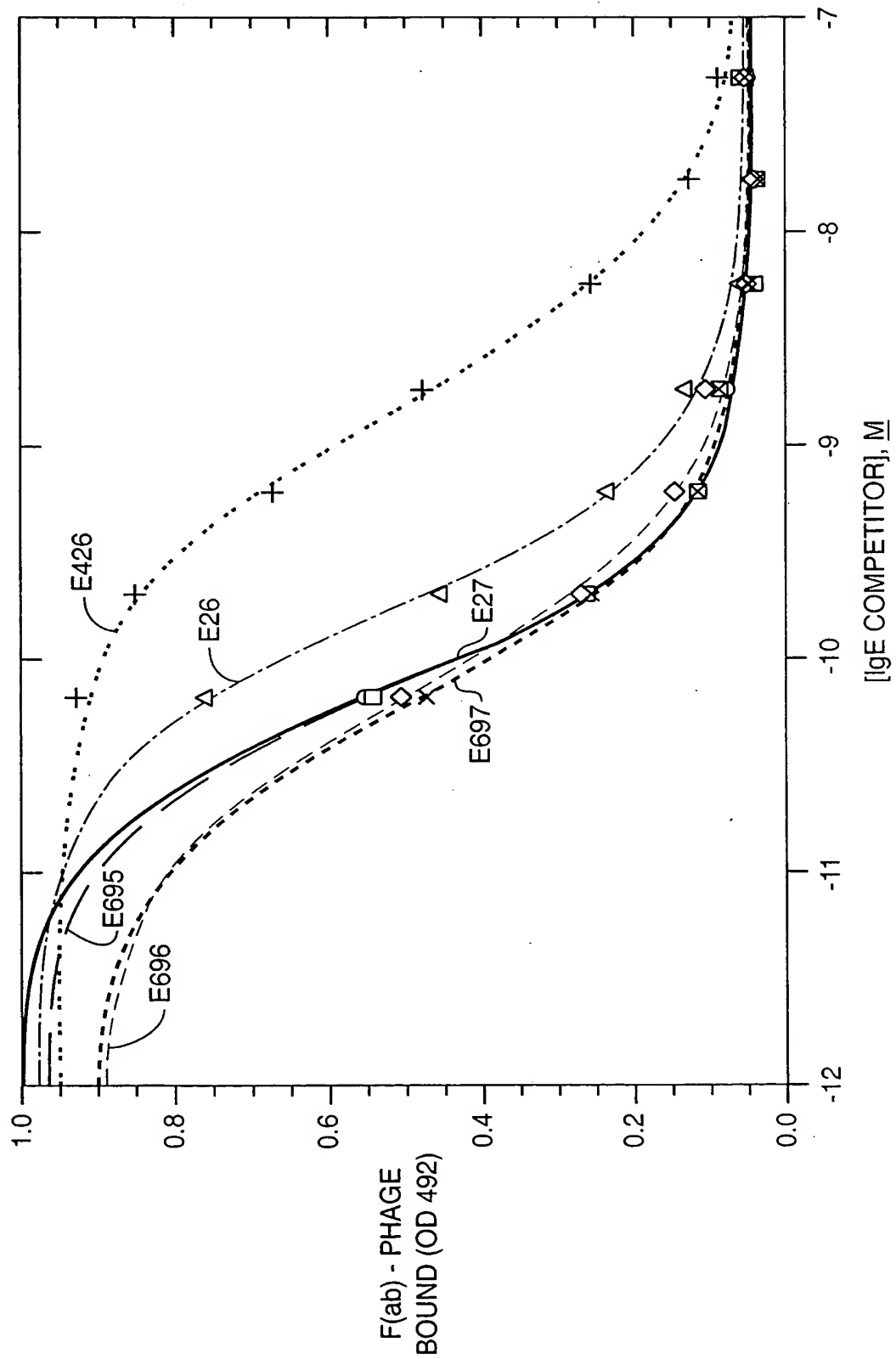


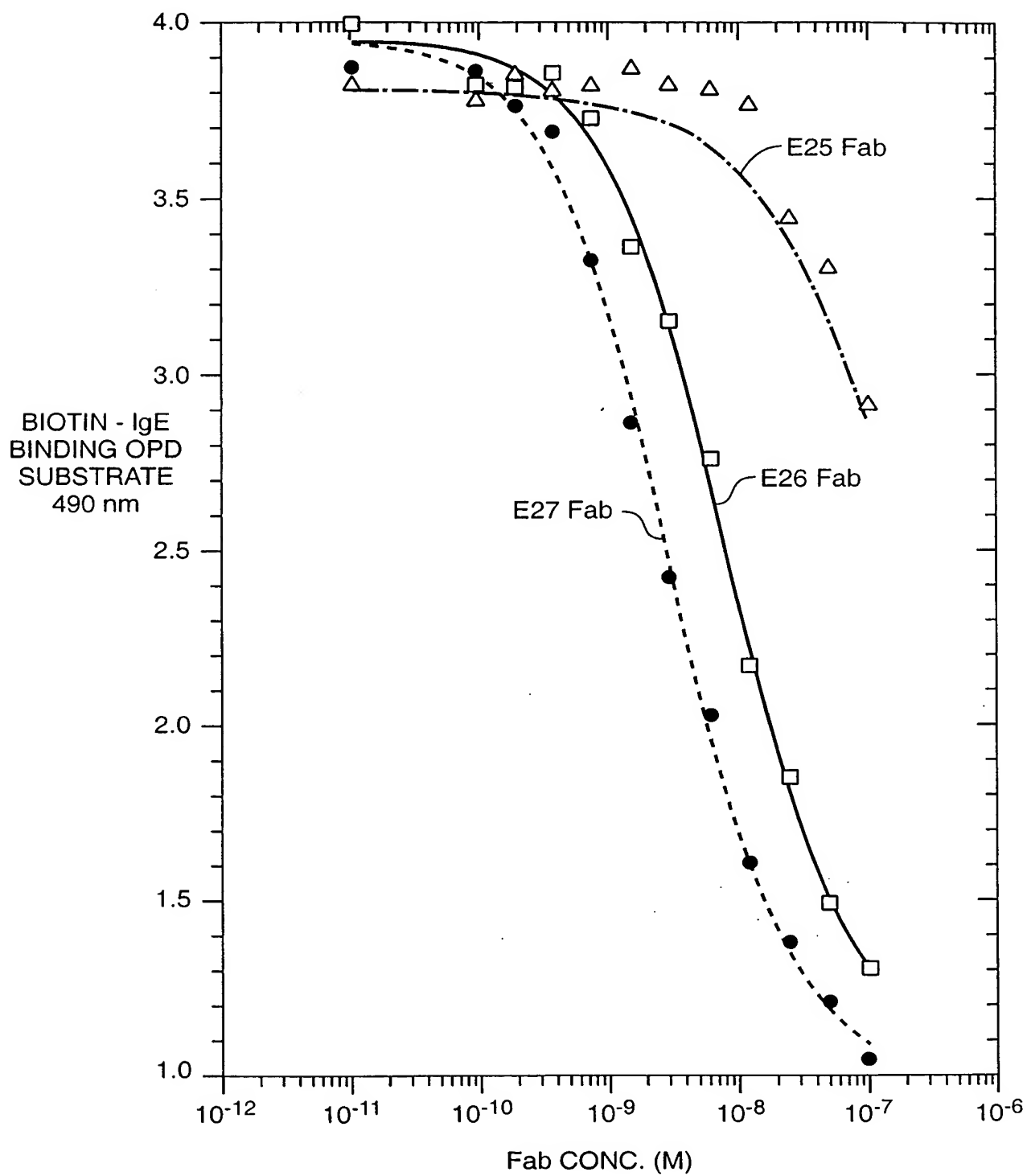
y = ((m1 - m4) / (1 + (m0 / m3)^m2))...		
	VALUE	ERROR
m1	3.7289	3.2575
m2	3.2312	2044.6
m3	3421.3	7.095e+07
m4	1226.5	7.4139e+07
Chisq	293.26	NA
R	0.97929	NA

y = ((m1 - m4) / (1 + (m0 / m3)^m2))...		
	VALUE	ERROR
m1	-0.78645	1.7681
m2	1.3544	0.11267
m3	44.486	3.1931
m4	100.07	2.6239
Chisq	31.442	NA
R	0.99867	NA

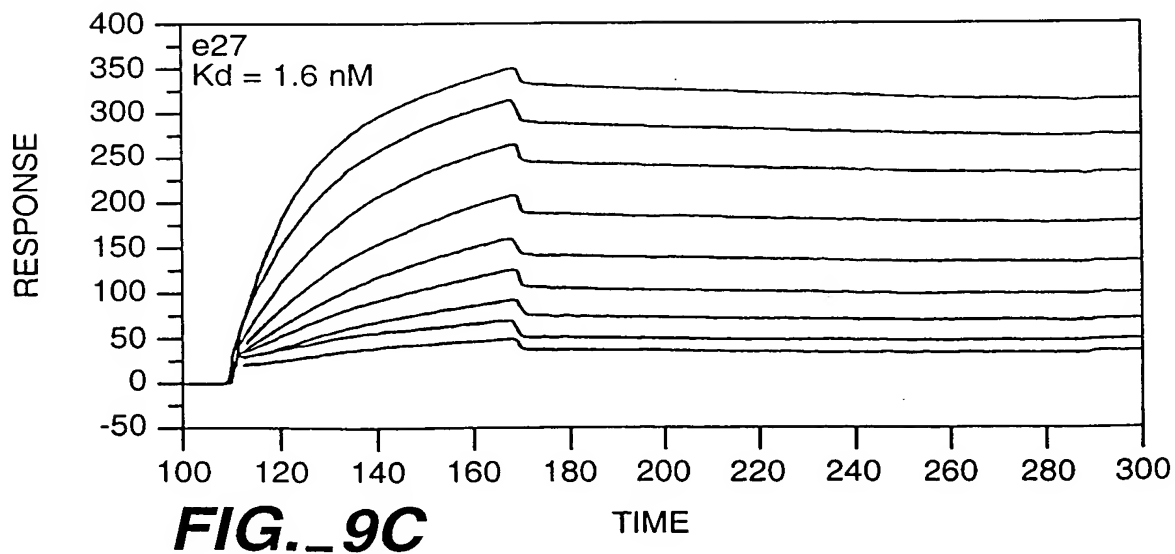
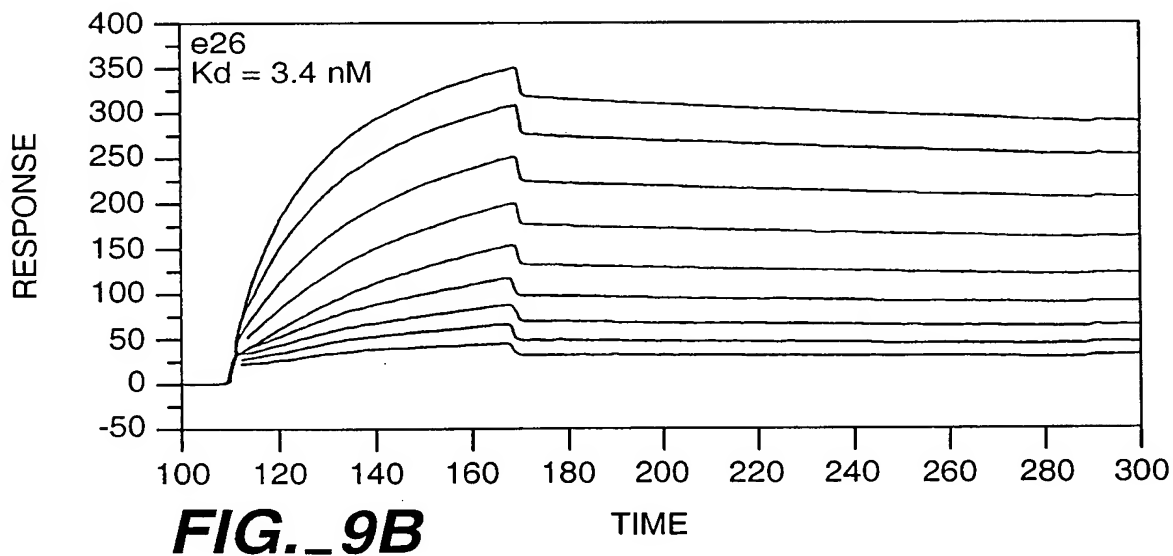
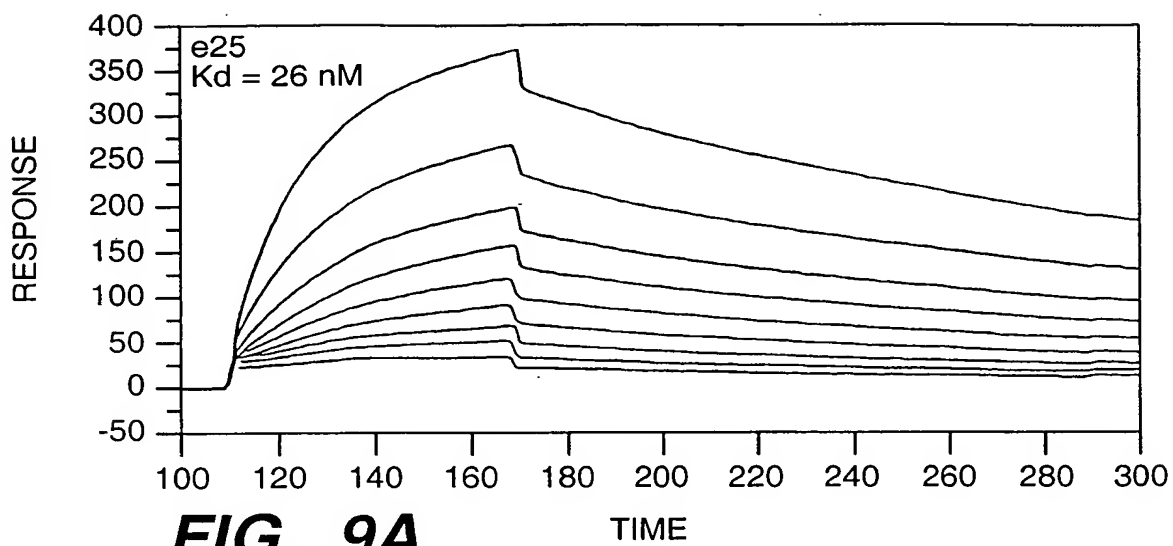
FIG._5

**FIG._6**

**FIG. 7**

**FIG. 8**

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1 GAATTCAACT TCTCCATACT TTGGATAAGG AAATACAGAC ATGAAAAATC TCATTGCTGA GTTGTATTATTT AAGCTTGCCC AAAAAGAAGA AGAGTCGAAT
 CTTAAGTTGA AGAGGTATGA AACCTATTCC TTATATGTCTG TACTTTTTTAG AGTAACGACT CAACAATAAA TTCGAACGGG TTTTCTTCTTCT TCTCAGCTTA
 101 GAACCTGTGG CGCAGGTAGA AGCTTTGGAG ATTATCGTCA CTGCAATGCT TCGCAATATG GCGCAAAATG ACCAACAGCG GTTGATTGAT CAGGTAGAGG
 CTTGACACAC GCGTCCATCT TCGAAACCTC TAATAGCAGT GACGTTACGA AGCGTTATAC CGCGTTTTAC TGSTGTGCG CAACATACTA GTCCATCTCC
 201 GGGCGCTCTA CGAGGTAAAG CCCGATGCCA GCATTCTCTGA CGACGATACG GAGCTGCTGC GCGATTACGT AAAGAAGTTA TTGAAGCATC CTCGTTCAGTA
 CCCGCGACAT GCTCCATTTC GGGCTACGCT CGTAAGGACT GCTGCTATGC CTCGACGACG CGCTAATGCA TTTCTTCAAT AACTTCGTAG GAGCAGTCAT
 301 AAAAGTTAAT CTTTTCACA GCTGTCTATA AGTTGTACG GCCGAGACTT ATAGTCGCTT TGTTTTTTATT TTTTAATGTA TTTGTAACATA GAATTCGAGC
 TTTTCAATTA GAAAAGTTGT CGACAGTATT TCAACAGTGC CGGCTCTGAA TATCAGCGAA AAAAAATAA AAAATTACAT AAACATTGAT CTTAAGCTCG
 401 TCGGTACCCG GGGATCCTCT CGAGGTTGAG GTGATTTTAT GAAAAAGAT ATCGCATTTT TCTTTGCTATC TATGTTCTGTT TTTTCTATTG CTACAAACGC
 AGCCATGGGC CCTTAGGAGA GCTCCAATC CACTAAAATA CTTTTTCTTA TAGCGTAAAG AAGAACGTAG ATACAAGCAA AAAAGATAAC GATGTTTGGC
 501 GTACGCTGAT ATCAGCTGA CCCAGTCCC GAGTCCCTG TCCGCCCTG TGGCGGATAG GGTCAACCATC AACTGCCGTG CCAGTCAGAG CGTCGATTAC
 CATCGGACTA TAGTCTGACT GGTTCAGGG CTCGAGGGAC AGGCGGAGC ACCCGCTATC CCAGTGGTAG TGGACGGCAC GGTCAAGTCTC GCAGCTAATG
 1 AlaSp IleGlnLeuT hrGlnSerPr oSerSerLeu SerAlaServ alGlyAspAr gValThrIle ThrCysArga laSerGlnSe rValaspTyr
 Begin light chain
 601 GAAGGTGATA GCTACCTGAA CTGGTATCAA CAGAAACCAG GAAAAGCTCC GAAACTACTG ATTTACGCGG CCTCGTACCT GGAGTCTGGA GTCCCTTCTC
 CTTCCACTAT CGATGGACTT GACCATAGTT GTCTTTGGTC CTTTTCGAGG CTTTGATGAC TAAATGCGCC GGAGCATGGA CCTCAGACCT CAGGGAAGAG
 33 GluGlyAspS erTyrLeuAs nTrpTyrGln GlnLysProG lLysAlaPr oLysLeuLeu IleTyrAlaA laSerTyrIle uGluSerGly ValProSerArg
 701 GCTTCTCTGG ATCCGGTCTT GGGACGGATT TCACTCTGAC CATCAGCAGT CTGCAGCCAG AAGACTTCGC AACTTATTAC TGTCAACAAA GTCACGAGGA
 CGAAGAGACC TAGGCCAAGA CCCTGCCATA AGTGAGACTG GTAGTCGTCA GACGTCGGTC TTCTGAAGCG TTGAATAATG ACAGTCGTTT CAGTGTCTCT
 67 PheSerG lYSerGlySer GlyThrAspP heThrLeuTh rIleSerSer LeuGlnProG luAspPheAl aThrTyrTyr CysGlnGlnS erHisGluAsp
 801 TCCGTCACACA TTTGGACAGG GTACCAAGGT GGAGATCAAA CGAACTGTGG CTGCACCATC TGTCTTTCATC TTCCCGCCAT CTGATGAGCA GTTGAATACT
 AGGCATGTGT AAACCTGTCC CATGGTTCCA CCTCTAGTTT GCTTGACACC GACGTGGTAG ACAGAAGTAG AAGGCGGTA GACTACTCGT CAACITTTAGA
 100 ProTyrThr PheGlyGlnG lyThrLysVa lGluileLys ArgThrVala laAlaProSe rValPheile PheProProS erAspGluG l nLeuLysSer
 901 GGAACCTGCTT CTGTTGTGTG CCTGCTGAAT AACTTCTATC CCAGAGAGGC CAAAGTACAG TGGAAAGGTGG ATAACGCCCT CCAATCGGGT AACTCCCAGG
 CCTTGACGAA GACAACACAC GGACGACTTA TTGAAGATAG GGTCTCTCCG GTTTCATGTC ACCTTCCACC TATTGCGGGA GGTAGCCCA TTGAGGGTCC
 133 GlyThrAlaS erValValCy sLeuLeuAsn AsnPheTyrP roArgGluAl aLysValGln TrpLysVala spAsnAlaLe uGlnSerGly AsnSerGlnGlu

FIG.- 10A

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1001 AGAGTGTAC AGAGCAGGAC AGCAAGGACA GCACCTACAG CCTCAGCAGC ACCCTGACGC TGAGCAAAGC AGACTACGAG AAACACAAAAG TCTACGCCCTG
167 TCTCACAGTG TCTCGTCTTG TCGTTCCTGT CGTGGATGTC GGAGTCGTCTG TGGGACTGCG ACTCGTTTCG TCTGATGCTC TTTGTGTTTC AGATCGGAC
    SerValTh rGluGlnAsp SerLysAspS erThrLysSe rLeuSerSer ThrLeuThrL euSerLysAl aAspTyrGlu LysHisLysV alTyrAlaCys
1101 CGAAGTCACC CATCAGGGCC TGAGCTCGCC CGTCACAAAAG AGCTTCAACA GGGGAGAGTG TTAAGCTGAT CCTCTACGCC GGACGCATCG TGGCCCTAGT
GCTTCAGTGG GTAGTCCCGG ACTCGAGCGG GCAGTGTGTT TCGAAGTTGT CCCCTCTCAC AATTCGACTA GGAGATGCCG CCTGCGTAGC ACCGGGATCA
200 GluValThr HisGlnGlyL euSerSerPr ovalThrLys SerPheAsnA rgGlyGluCy sOC*
                                end light chain
1201 ACGCAAGTTC ACGTAAAAAG GGTATCTAGA GGTGAGGTG ATTTTATGAA AAAGAATATC GCATTCTTTC TTGCATCTAT GTTCGTTTTT TCTATTGCTA
TGC GTTCAAG TGCATTTTTC CCATAGATCT CCAACTCCAC TAAATACTT TTTCTTATAG CGTAAAGAAG AACGTAGATA CAAGCAAAAAG AGATAACGAT
1301 CAAACGCGTA CGCTGAGGTT CAGCTGGTGG AGCTGTCGGG TGGCCTGGTG CAGCCAGGGG GCTCACTCCG TTTGTCTCTGT GCAGTTTCTG GCTACTCCAT
GTTTGGCGCAT GCGACTCCAA GTCGACCACC TCAGACCGCC ACCGGACCC GTCGGTCCCC CGAGTGAGGC AAACAGGACA CGTCAAAGAC CGATGAGGTA
1      GluVal GlnLeuValG luSerGlyG l nSerLeuVal GlnProGlyG lySerLeuAr gLeuSerCys AlaValSerG lyTyrSerIle
                                Begin heavy chain
1401 CACCTCCGGA TACAGCTGGA ACTGGATCCG TCAGGCCCGG GGTAAGGGCC TGAATGGGT TGCATCGATT ACGTATGAGC GATCGACTAA CTATAACCCCT
GTG GAGGCCCT ATGTCGACCT TGACCTAGGC AGTCCGGGGC CCATTCCCGG ACCTTACCCA ACGTAGCTAA TGCATACTGC CTAGCTGATT GATATTGGGA
30 ThrSerGly TyrSerTrpA snTrpIleAr gGlnAlaPro GlyLysGlyL euGluTrpVa lAlaSerIle ThrTyrAspG lySerThrAs nTyrAsnPro
1501 ACGTCAAGG GCCGTATCAC TATAAGTCG CACGATTCCA AAAACACATT CTACCTGCAG ATGAACAGCC TGGGTGCTGA GGACACTGCC GTCATTATT
TCG CAGTTCC CGGCATAGTG ATATTACGG CTGCTAAGT TTTTGTGTAA GATGGACGTC TACTTGTCCG ACGCACGACT CCTGTGACGG CAGATAATAA
63 SerValLysG lyArgIleTh rIleSerArg aspaspSerL ysAsnThrPh eTyrLeuGln MetAsnSerL euArgAlaG l uaspThrAla ValTyrTyrCys
1601 GTGCTCGAGG CAGCCACTAT TTCGGTCACT GGCACITCCG CGTGTGGGT CAAGGAACCC TGGTCACCGT CTCTCTCGGC TCCACCAAGG GCCCATCGGT
CAG GAGCTCC GTCGGTGATA AAGCCAGTGA CCGTGAAGC GCACACCCCA GTTCCTTGGG ACCAGTGGCA GAGGAGCCGG AGGTGGTTCC CGGTAGCCA
97 AlaArgG l ySerHisTyr PheGlyHisT rpHisPheAl aValTrpGly GlnGlyThrL euValThrVa lSerSerAla SerThrLysG lyProSerVal
1701 CTTCCCCCTA GCACCTCCTT CCAAGAGCAC CTCTGGGGG ACAGCGGCC CTGGGTGCCT GGTCAAGGAC TACTTCCCCG AACCGTGAC GGTGTCTGG
GAAGGGGGAT CGTGGGAGGA GGTCTCTGTG GAGACCCCGG TGTCGCCGGG ACCCGACGGA CCAGTTCCTG ATGAAGGGG TTGGCCACTG CCACAGCACC
130 PheProLeu AlaProSerS erLysSerTh rSerGlyGly ThrAlaAlaL euGlyCysLe uValLysAsp TyrPheProG luProValTh rValSerTrp
1801 AACTCAGGCG CCCTGACCAG CGGCGTGCAC ACCTTCCCG CTGTCCTACA GTCTACTCCC TCAGCAGCGT GGTGACCGTG CCCTCCAGCA
TTGAGTCCGC GGGACTGCTC GCCGCACGTG TGAAGGGCC GACAGGTCTT CAGGAGTGT GAGATGAGGG AGTCGTGCGA CCACTGGCAC GGGAGGTCTG
163 AsnSerGlyA laLeuThrSe rGlyValHis ThrPheProA laValLeuG l nSerSerGly LeuTyrSerL euSerSerVa lValThrVal ProSerSerSer

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FIG. 10B

1901 GCTTGGGCAC CCAGACCTAC ATCTGCAACG TGAATCACAA GCCCAGCAAC ACCAAGGTGG ACAAGAAAGT TGAGCCCAAA TCTTGTGACA AAACCTCACAC
 197 CGAACCCTGG GGTCTGGATG TAGACGTTGC ACTTAGTGTT CGGGTCGTTG TGGTCCACC TGTCTTTCA ACTCGGTTT AGAACACTGT TTTGAGTGTG
 LeuGlyTh rGlnThrTyr IleCysAsnV alasnHisly sProSerAsn ThrlySVala sPlySlyVa lGluProlys SerCysAspL ysThrHisThr
 end of heavy chain
 2001 CTAGAGTGGC GGTGGCTCTG GTTCCGGTGA TTTTGATTAT GAAAAGATGG CAAACGCTAA TAAGGGGGCT ATGACCCGAAA ATGCCGATGA AAACGGCGTA
 GATCTCACCG CCACCGAGAC CAAGGCCACT AAAACTAATA CTTTCTCTACC GTTTCGATT ATTCCCCGA TACTGGCTTT TACGGCTACT TTTGGCGCGAT
 230 AM*SerGly GlyGlySerg lySerGlyAs pheAspTyr GluLysMeta laAsnalaAs nLysGlyAla MetThrGluA snAlaAspG l uAsnAlaLeu
 fusion to g3p C-terminal domain
 2101 CAGTCTGACG CTAAAGGCAA ACTTGATTCT GTCTACTCTG ATTACGGTGC TGCTATCGAT GGTTCATTG GTGACGTTTC CGGCCTTGCT AATGGTAATG
 GTCAGACTGC GATTTCGTT TGAACCTAAGA CAGCGATGAC TAATGCCACG ACGATAGCTA CCAAAGTAAC CACTGCAAG GCCGGAACGA TTACCATTAC
 263 GlnSerAspA lalysGlyly sLeuaspSer ValalaThra sPtyrGlyAl aAlaIleasp GlyPheIleG lyAspValse rGlyLeuAla AsnGlyAsnGly
 2201 GTGCTACTGG TGATTTTGCT GGCTCTAATT CCCAAATGGC TCAAGTCGGT CACGGTGATA ATTCACCTTT AATGAATAAT TTCCGTCAAT ATTTACCTTC
 CACGATGACC ACTAAACGA CCGAGATTAA GGGTTTACCG AGTTCAGCCA CTGCCACTAT TAAGTGGAAA TTACTTTATTA AAGCAGTTA TAAATGGGAAG
 297 AlaThrGl yaspPheAla GlySerAsnS erGlnMetal aglnValgly AspGlyAspA snSerProLe uMetAsnAsn PheArgGlnT yrLeuProSer
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 2301 CCTCCCTCAA TCGGTTGAAT GTCGCCCTTT TGCTTTTAGC GCTGGTAAAC CATATGAATT TTCTATTGAT TGTGACAAAA TAAACTTATT CCGTGGTGTG
 GGAGGGAGTT AGCCAACCTA CAGCGGGAAA ACAGAAATCG CGACCATTTG GTATACTTAA AAGATAACTA ACACCTGTTT ATTTGAATAA GGCACCACAG
 330 LeuProGln SerValGluC ysArgProPh eValPheSer AlaGlyLysP rotyrGluPh eSerIleAsp CysAspLysI leAsnLeuPh eArgGlyVal
 2401 TTTGCGTTTC TTTTATATGT TGCCACCTTT ATGTATGTAT TTTCTACGTT TGCTAACATA CTGCGTAATA AGGAGTCTTA ATCATGCCAG TTCTTTTGGC
 AAACGCAAAG AAAATATACA ACGGTGGAAA TACATACATA AAAGATGCAA ACGATTCTAT GACGCATTAT TCCTCAGAAT TAGTACGGTC AAGAAAAACCG
 363 PheAlaPheL euLeuTyrVa lAlaThrPhe MetTyrValP heSerThrPh eAlaAsnIle LeuArgAsnL ysGluSerOC *
 end of g3p domain
 2501 TAGCGCCGCC CTATACCTTG TCTGCCTCCC CGCGTTGCGT CGCGGTGCAT GGAGCCGGGC CACCTCGACC TGAATGGAAG CCGCGGCAC CTCGCTAACG
 ATCGCGCGCG GATATGGAAC AGACGGAGGG GCGCAACGCA GCGCCACGTA CCTCGGCCCG GTGGAGCTGG ACTTACCCTT GCGCGCCGTG GAGCGATTGC
 2601 GATTACCCAC TCCAAGAATT GGAGCCAATC AATTCTTGGC GAGAACTGTG AATGCGCAAA AATGCCCTTG GCAGAACATA TCCATCGCGT CCGCCATCTC
 CTAAGTGGTG AGGTTCTTAA CCTCGGTTAG TTAAGAAGCG CTCTTGACAC TTACGCGTTT GGTGGGAAC CGTCTTGTAT AGGTAGCGCA GCGGTAGAG
 2701 CAGCAGCCGC ACGCGCGCA TCTCGGGCAG CGTTGGGTCC TGGCCACGGG TGCGCATGAT CGTGTCTCTG TCGTTGAGGA CCGGGCTAGG CTGGCGGGGT
 GTCGTCGGCG TCGCGCGCGT AGAGCCCGTC GCAACCCAGG ACCGTGCCC ACGGFACTA GCACGAGGAC AGCAACTCCT GGGCCGATCC GACCGCCCCA

FIG. 10C

2801 TGCCTTACTG GTTAGAGAA TGAATCACCG ATACGGGAGC GAACGTGAAG CGACTGCTGC TGC AAAACGCTG AGCAACAACA TGAATGGTCT
 ACGGAATGAC CAATCGTCTT ACTTAGTGGC TATGCGCTCG CTTGCACTTC GCTGACGAGC ACGTTTGGCA GACGCTGGAC TCGTTGTGT ACTTACCAGA
 2901 TCGGTTTCCG TGTTTCGTA AGTCTGGAAA CGCGGAAGTC AGCGCCCTGC ACCATTATGT TCCGGATCTG CATCGCAGGA TGCTGCTGGC TACCCCTGTGG
 AGCCAAAGGC ACAAAGCAAT TCAGACCTTT GCGCCTTCAG TCGCGGGAGC TGGTAATACA AGCCTAGAC GTAGCGTCTT ACGACGACCG ATGGGACACC
 3001 AACACCTACA TCTGTATTAA CGAAGCGCTG GCATTGACCC TGAGTGATTT TTCTCTGGTC CCGCCGCATC CATACCGCCA GTTGTATTACC CTCACAACGCT
 TTGTGGATGT AGACATAATT GCTTCGCGAC CGTAACCTGG ACTCACTAAA AAGAGACCAG GCGGCGTAG GTATGGCGGT CAACAATAAG GAGTGTGCA
 3101 TCCAGTAACC GGGCATGTTT ATCATCAGTA ACCCGTATCG TGAGCATCTT CTCTCGTTTC ATCGGTATCA TTACCCCCAT GAACAGAAAT TCCCCCTTAC
 AGGTCAATTG CCCGTACAAG TAGTAGTCAT TGGGCATAGC ACTCGTAGGA GAGAGCAAA GATGGGGTA CTGTCTTTA AGGGGAATG
 3201 ACGGAGGCAT CAAGTGACCA AACAGGAAA AACCGCCCTT AACATGGCCC GCTTTATCAG AAGCCAGACA TTAACGCTTC TGGAGAACT CAACGAGCTG
 TGCCCTCCGTA GTTCACTGGT TTGTCTCTTT TTGGCGGGAA TTGTACCGGG CGAATAGTC TTCGGTCTGT AATTGCGAAG ACCTCTTGA GTTGCTCGAC
 3301 GACGGGGATG AACAGGCAGA CATCTGTGAA TCGCTTCAG ACCACGCTGA TGAGCTTTAC CGCAGGATCC GGAAATTGTA AACGTTAATA TTTTGTATAA
 CTGCGCCTAC TTGTCCGTCT GTAGACACTT AGCGAAGTGC TGGTGCAGT ACTCGAAATG GCGTCTAGG CCTTTAATAT TTGCAATTAT AAAACAATTT
 3401 ATTGCGGTTA AATTTTGT AAATCAGCTC ATTTTAAAC CAATAGGCCG AAATCGGCA AATCCCTTAT AAATCAAAAG AATAGACCGA GATAGGGTTG
 TAAGCGCAAT TTA AAAACAA TTTAGTCGAG TAAAAAATTG GTTATCCGGC TTTAGCCGTT TTAGTTTTC TTATCTGGCT CTATCCCAAC
 3501 AGTGTGTTTC CAGTTTGGA CAAGAGTCCA CTATTAAAG ACGTGGACTC CAACGTCAA GGGCGAAAA CCGTCTATCA GGGCTATGGC CCACCTACGTG
 TCACAACAAG GTCAACCTT GTTCTCAGGT GATAATTTCT TGCACCTGAG GTTGCACTTT CCGCTTTT GGCAGATAGT CCCGATACCG GGTGATGCAC
 3601 AACCATCAC CTAATCAAGT TTTTGGGGT CGAGGTGCCG TAAAGCACTA AATCGGAACC CTAAGGGAG CCCCCGATTT AGAGCTTGAC GGGGAAAGCC
 TTGGTAGTGG GATTAGTTCA AAAAACCCCA GCTCCACGGC ATTTCTGTGAT TTAGCCTTGG GATTTCCCTC GGGGGCTAAA TCTCGAATG CCCCTTTCGG
 3701 GCGGAACGTG GCGAGAAAGG AAGGGAAGAA AGCGAAAGGA GCGGGCGCTA GGGCGCTGGC AGTGTAGCG GTACACGTGC GCGTAACCA CACACCCGCC
 CCGCTTGCAC CGCTCTTCC TTCCCTTCTT TCGCTTTCTT CCGCCGCGAT CCGCGGACCG TTACATCGC CAGTGCAGC CGCATTTGGT GTGTGGGCGG
 3801 GCGCTTAATG CGCCGCTACA GGGCGCTCC GGATCTGCTC TCGCGCTTT CCGTGATGAC GGTGAAAAAC TCTGACACAT GCAGTCCCG GAGACGGTCA
 CGCGAATTAC GCGGCGATGT CCCGCGCAGG CCTAGGACCG AGCGGCAAA GCCACTACTG CCACTTTTGG AGACTGTGA CGTGAGGGC CTCTGCCAGT
 3901 CAGCTTGTCT GTAAGCGGAT GCCGGGAGCA GACAAGCCCG TCAGGGCGCG TCAGCGGGTG TTGGCGGGTG GCCATGACCC AGTCACGTAG
 GTCGAACAGA CATTCGCCA CCGCCCTCGT CTGTTCGGG AGTCCCGCG AGTCCGCCAC AACCGCCCGT CCGTACTGGG TCAGTGCATC

FIG. 10D

4001 CGATAGCGGA GTGTATAC TGCTAACTAT GCGGCATCAG AGCAGATTGT ACTGAGAGTG CACCATATGC GGTGTGAAAT ACCGCACAGA TCGGTAAGGA
 GCTATCGCCT CACATATGAC CGCCGTAGTC CGCCGTAGTC TCGTCTAACA TGACTCTCAC GTGGTATACG CCACACTTTA TGGCGTGTCT ACGCATTCCT

 4101 GAAATACCG CATCAGGCGC TCTTCGCTT CTTGCTCAG TGACTCGCTG CGCTCGGTG TTCGGCTGCG GCGAGCGGTA TCAGCTCACT CAAAGGCGGT
 CTTTATATGGC GTAGTCCGCG AGAAGGCGA GGAGCGAGTG ACTGAGCGAC GCGAGCCAGC AAGCCGACGC CGCTCGCCAT AGTCGAGTGA GTTTCGCGCA

 4201 AATACGGTTA TCCACAGAAAT CAGGGGATAA CGCAGGAAAG AACATGTGAG CAAAAGGCCA GCAAAGGCC AGGAACCGTA AAAAGGCCG GTTGTGGCG
 TTATGCCAAT AGGTGTCTTA GTCCCTTATT GTCCCTTATT GCTCCTTTC GTTTCCTGCTT CTTTTCCGGT TCCTTGGCAT TTTTCCGGCG CAACGACCGC

 4301 TTTTTCCTA GGTTCGCTT CCGTACGAG CATCACAAA ATCGACGCTC AAGTCAGAG TGGCGAAACC CGACAGGACT ATAAAGATAC CAGGCGTTTC
 AAAAAGGTAT CCGAGGCGG GGGACTGCTC GTAGTGTCTT TAGCTGCGAG TTCAGTCTCC ACCGCTTTGG GCTGTCTTGA TATTTCTATG GTCCGCAAG

 4401 CCCCTGGAAG CTCCTCTCTG CGCTCTCTG TCCGACCTT TCCGACCTT GCGCTTACC GGATACCTGT CCGCTTTCT CCCTTCGGGA AGCGTGGCG TTTCTCATAG
 GGGGACCTTC GAGGAGCAC GCGAGAGGAC AAGGCTGGGA CGGCGAATGG CCTATGGACA GCGGAAAGA GGAAGCCCT TCGCACCGCG AAAGAGTATC

 4501 CTCACGCTGT AGGTATCTCA GTTCGGTGA GTTCGGTGC TCCAAGCTGG GCTGTGTGCA CGAACCCCG GTTCAGCCCG ACCGCTGCGC CTTATCCGGT
 GAGTCCGACA TCCATAGAGT CAAGCCACAT CCAGCAAGC AGGTTCGACC CGACACACGT GCTTGGGGG CAAGTCGGC TGGCGACCG GAATAGGCCA

 4601 AACTATCGTC TTGACTCCAA CCCGGTAAGA CACGACTTAT CGCCACTGGC AGCAGCCACT GGTAAACAGGA TTAGCAGAGC GAGGTATGTA GCGGTGCTA
 TTGATAGCAG AACTCAGGT GGGCCATTCT GTGCTGAATA GCGGTGACC GCGTGGTGA CCATTGTCTT AATCGTCTCG CTCCATACAT CCGCCACGAT

 4701 CAGAGTTCTT GAAGTGTGG CCTAACTACG GCTACACTAG AAGGACAGTA TTTGGTATCT GCGCTCTGCT GAAGCCAGTT ACCTTCGGAA AAAGAGTTGG
 GTCTCAAGAA CTTCAACACC GGATTGATGC CGATGTGATC TTCTGTGTCAT AAACCATAGA CCGCAGACGA CTTCCGGTCAA TGGAAAGCCTT TTTCTCAACC

 4801 TAGCTCTTGA TCCGGCAAAAC AAACCACCGC TGGTAGCGGT GGT-TTTTGTG TTTGCAAGCA GCAGATTACG CGCAGAAAAA AAGGATCTCA AGAAGATCCT
 ATCGAGAACT AGGCCGTTG TTTGGTGGC ACCATCGCCA CCAAAAAAAC AAACGTTCTG CGTCTAATGC GCGTCTTTT TTCTTAGAGT TCTTCTAGGA
 4901 TTGATCTTT CTACGGGCTC TGACGCTCAG TGAACGAAA ACTCACGTTA AGGATTTTG GTCATGAGAT TATCAAAAAA GATCTTCACC TAGATCCTTT
 AACTAGAAA GATGCCCCAG ACTGCGAGTC ACCTTGCTTT TGAGTGCAAT TCCCTAAAA CAGTACTCTA ATAGTTTTT CTAGAAAGTG ATCTAGGAAA

 5001 TAAATTAATA ATGAAGTTT AAATCAATCT AAAGTATATA TGAGTAACT TGCTCTGACA GTTACCAATG CTTAATCAGT GAGGCACCTA TCTCAGCGAT
 ATTTAATTTT TACTTCAAAA TTTAGTTAGA TTTTCAATAT ACTCATTTGA ACCAGACTGT CAATGGTTAC GAATTAGTCA CTCCTGGAT AGAGTCGCTA

 5101 CTGTCTATTT GGTTCATCCA TAGTTGCCG ACTCCCGTC GTGTAGATAA CTACGATACG GGAGGGCTTA CCATCTGGCC CCAGTGTGC AATGATACCG
 GACAGATAA GCAAGTAGGT ATCAACGGAC TGAGGGGCGAG CACATCTATT GATGCTATGC CCTCCCGAAT GGTAGACCGG GGTACGACG TTAATATGGC

FIG. 10E

5201 CGAGACCCAC GCTCACCGGC TCCAGATTTA TCAGCAATAA ACCAGCCAGC CGGAAGGGCC GAGCGCAGAA GTGTCCTGC AACTTTATCC GCCTCCATCC
 GCTCTGGTG CGAGTGGCCG AGGTCTAAAT AGTCGTATT AGTCGGTCTT TGGTCGGTCG GCCTTCCCG CTCGCGTCTT CACCAAGACG TTGAAATAGG CGGAGGTAGG

 5301 AGTCFATTAA TTGTTGCCG GAAGCTAGAG TAAAGTAGTTC GCCAGTTAAT AGTTTGGCA ACCTTGTTC CAFTGTGCA GGCATCGTGG TGTACCGCTC
 TCAGATAAAT AACACGGCC CTTCTGATCTC ATTATCAAG CGGTCAATTA TCAACACCGT TGCAACAACG GTAACGACGT CCGTAGCACC ACAGTCCGAG

 5401 GTCGTTTGGT ATGGCTTCAT TCAGCTCCG TCCCAACGA TCAAGGCGAG TTACATGATC CCCCATGTTG TGCAAAAAAG CCGTTAGCTC CTTCCGCTCT
 CAGCAACCA TACCGAAGTA AGTCGAGGCC AAGGTTGCT AGTTCCGCTC AATGTACTAG GGGGTACAAC ACCTTTTTTC GCCAATCGAG GAAGCCAGGA

 5501 CCGATCGTTG TCAGAAAGTA GTTGGCCCGA GTGTTATCAC TCATGGTTAT GGCAGCACTG CATAATTCTC TTAATGTCTT GCCATCCGTA AGATGCTTTT
 GGCTAGCAAC AGTCTTCATT CAACCGGCGT CACAATAGTG AGTACCAATA CCGTCTGTGAC GTATTAAGAG AATGACAGTA CCGTAGGCAT TCTACGAAAA

 5601 CTGTGACTGG TGAGTACTCA ACCAAGTCA TCTGAGAATA GTGTATGCG CGACCGAGTT GCTCTTGCCC GCGTCAACA CCGGATAATA CCGCGCCACA
 GACACTGACC ACTCATGAGT TGGTTCAGTA AGACTCTTAT CACATACGCC GCTGGCTCAA CGAGAACGG CCGCAGTTGT GCCCTATTAT GCGCGGGTGT

 5701 TAGCAGAACT TTAAAAGTG TCATCATTTG AAAACGTTCT TCGGGGCGAA AACTCTCAAG GATCTTACCG CTGTTGAGAT CCAGTTTCGAT GTAACCCACT
 ATCGTCTTGA AATTTTCAG AGTAGTAAC TTTTGCAAGA AGCCCCGCT TTGAGAGTTC CTAGAATGGC GACAACTCTA GGTCAAGCTA CATTTGGTGA
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 5801 CGTGCACCCA ACTGATCTC AGCATCTTTT ACTTTCACCA GCGTTTCTGG GTGAGCAAAA ACAGGAAGGC AAAATGCCG AAAAAAGGA ATAAGGGCGA
 GCACGTGGGT TGACTAGAAG TCGTAGAAAA TGAAAGTGGT CGCAAAGACC CACTCGTTTT TGTCCCTCCG TTTTACGGCG TTTTTCCTT TATTTCCGCT

 5901 CACGGAATG TTGAATCTC ATACTCTTCC TTTTTCATA TTATTGAAGC ATTATCAGG GTTATTGTCT CATGAGCGGA TACATATTG AATGTATTTA
 GTGCCCTTAC AACTTATGAG TATGAGAAGG AAAAAGTTAT AATAACTTCG TAAATAGTCC CAATAACAGA GTACTCGCCT ATGTATAAAC TTACATAAAT

 6001 GAAAAATAA CAAATAGGG TTCCGGGCAC ATTTCCCGA AAAGTCCAC CTGACGTCTA AGAAACCAT ATTATCATGA CATTAACTA TAAAAATAGG
 CTTTTTATTT GTTTATCCCC AAGGCGCGT TTAAGGGGCT TTTACCGGTG GACTGCAGAT TCTTTGGTAA TAATAGTACT GTAATTGGAT ATTTTATATC

 6101 CGTATCACA GGCCCTTTCTG TCTTCAA
 GCATAGTGCT CCGGGAAGC AGAAGT

FIG._10F

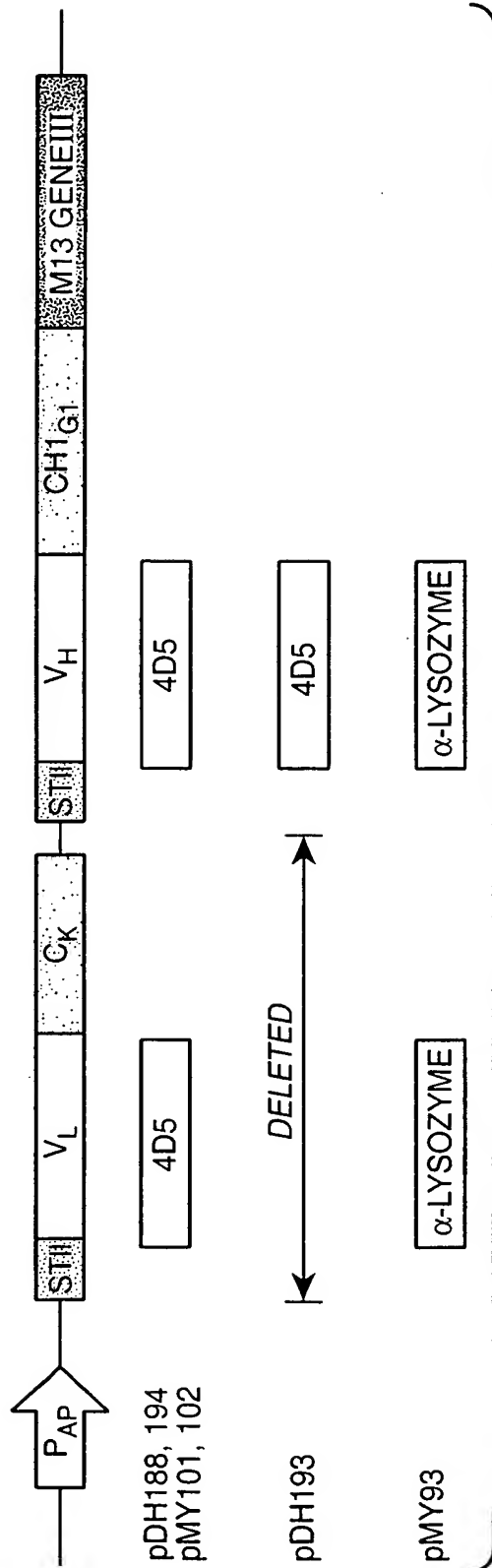


FIG. 11A

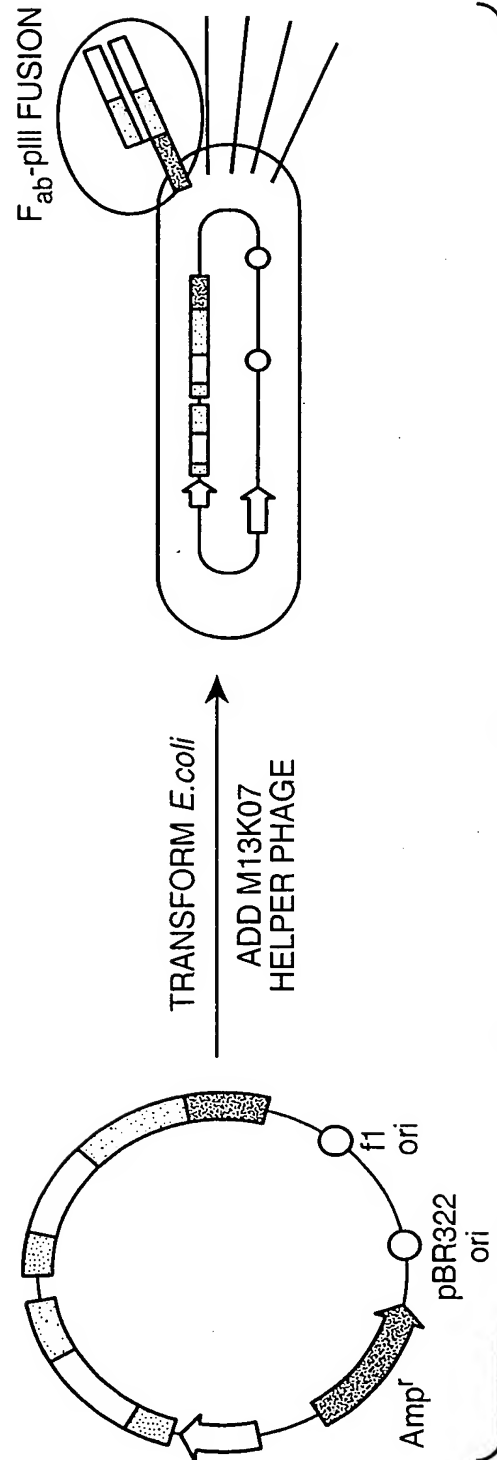


FIG. 11B

(E25) - LIGHT CHAIN

DIQLTQSPSS LSASVGDRVT ITCRASQSDV YDGDSYMNWY QQKPGKAPKL LIYAASYLES GVPSRFSGSG
 SGTDFTLTIS SLQPEDFATY YCQQSHEDPY TFGQGTKVEI KRTVAAPSVF IFPPSDEQLK SGTASVVCLL
 NNFYPREAKV QWKVDNALQS GNSQESVTEQ DSKDSTYSLs STLTLKADY EKHKVYACEV THQGLSSPVT
 KSFNRGEC

(E25) - HEAVY CHAIN

EVQLVESGGG LVQPGGSLRL SCAVSGYSIT SGYSWNWIRQ APGKGLEWVA SITYDGSTNY NPSVKGRITI
 SRDDSKNTFY LQMNSLRAED TAVYYCARGs HYFGHWHFAV WGQGTlVTVS SASTKGPSVF PLAPSSKSTS
 GGTAALGCLV KDYFPEPVTV SWNSGALTSG VHTFPAVLQS SGLYSLSSVV TVPSSSLGTQ TYICNVNHKP
 SNTKVDKKVE PKSCDKTHTC PPCPAPELLG GPSVFLFPPK PKDTLMISRT PEVTCVVVDV SHEDPEVKFN
 WYVDGVEVHN AKTKPREEQY NSTYRVVSVL TVLHQDWLNG KEYKCKVSNK ALPAPIEKTI SKAKGQPREP
 QVYTLPPSRE EMTKNQVSLT CLVKGfYPSD IAVEWESNGQ PENNYKTPP VLDSdGSFFL YSKLTVDKSR
 WQQGNVFSCS VMHEALHNHY TQKSLSLSPG K

(E26) - LIGHT CHAIN

DIQLTQSPSS LSASVGDRVT ITCRASKPVD GEGDSYLNWY QQKPGKAPKL LIYAASYLES GVPSRFSGSG
 SGTDFTLTIS SLQPEDFATY YCQQSHEDPY TFGQGTKVEI KRTVAAPSVF IFPPSDEQLK SGTASVVCLL
 NNFYPREAKV QWKVDNALQS GNSQESVTEQ DSKDSTYSLs STLTLKADY EKHKVYACEV THQGLSSPVT
 KSFNRGEC

(E26) - HEAVY CHAIN

EVQLVESGGG LVQPGGSLRL SCAVSGYSIT SGYSWNWIRQ APGKGLEWVA SITYDGSTNY NPSVKGRITI
 SRDDSKNTFY LQMNSLRAED TAVYYCARGs HYFGHWHFAV WGQGTlVTVS SASTKGPSVF PLAPSSKSTS
 GGTAALGCLV KDYFPEPVTV SWNSGALTSG VHTFPAVLQS SGLYSLSSVV TVPSSSLGTQ TYICNVNHKP
 SNTKVDKKVE PKSCDKTHTC PPCPAPELLG GPSVFLFPPK PKDTLMISRT PEVTCVVVDV SHEDPEVKFN
 WYVDGVEVHN AKTKPREEQY NSTYRVVSVL TVLHQDWLNG KEYKCKVSNK ALPAPIEKTI SKAKGQPREP
 QVYTLPPSRE EMTKNQVSLT CLVKGfYPSD IAVEWESNGQ PENNYKTPP VLDSdGSFFL YSKLTVDKSR
 WQQGNVFSCS VMHEALHNHY TQKSLSLSPG K

(E27) - LIGHT CHAIN

DIQLTQSPSS LSASVGDRVT ITCRASKPVD GEGDSYLNWY QQKPGKAPKL LIYAASYLES GVPSRFSGSG
 SGTDFTLTIS SLQPEDFATY YCQQSHEDPY TFGQGTKVEI KRTVAAPSVF IFPPSDEQLK SGTASVVCLL
 NNFYPREAKV QWKVDNALQS GNSQESVTEQ DSKDSTYSLs STLTLKADY EKHKVYACEV THQGLSSPVT
 KSFNRGEC

(E27) - HEAVY CHAIN

EVQLVESGGG LVQPGGSLRL SCAVSGYSIT SGYSWNWIRQ APGKGLEWVA SIKYSGETKY NPSVKGRITI
 SRDDSKNTFY LQMNSLRAED TAVYYCARGs HYFGHWHFAV WGQGTlVTVS SASTKGPSVF PLAPSSKSTS
 GGTAALGCLV KDYFPEPVTV SWNSGALTSG VHTFPAVLQS SGLYSLSSVV TVPSSSLGTQ TYICNVNHKP
 SNTKVDKKVE PKSCDKTHTC PPCPAPELLG GPSVFLFPPK PKDTLMISRT PEVTCVVVDV SHEDPEVKFN
 WYVDGVEVHN AKTKPREEQY NSTYRVVSVL TVLHQDWLNG KEYKCKVSNK ALPAPIEKTI SKAKGQPREP
 QVYTLPPSRE EMTKNQVSLT CLVKGfYPSD IAVEWESNGQ PENNYKTPP VLDSdGSFFL YSKLTVDKSR
 WQQGNVFSCS VMHEALHNHY TQKSLSLSPG K

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LIGHT CHAIN

E26

DIQLTQSPSS	LSASVGDRVT	ITCRASKPVD	GEGDSYLNWY	QQKPGKAPKL	LIYAASYLES
GVPSRFGSGG	SGTDFTLTIS	SLQPEDFATY	YCQQSHEDPY	TFGQGTKVEI	KRTVAAPSVF
IFPPSDEQLK	SGTASVVCLL	NNFYPREAKV	QWKVDNALQS	GNSQESVTEQ	DSKDDSTYSL
STLTLSKADY	EKHKVYACEV	THQGLSSPVT	KSFNRGEC		

E27

DIQLTQSPSS	LSASVGDRVT	ITCRASKPVD	GEGDSYLNWY	QQKPGKAPKL	LIYAASYLES
GVPSRFGSGG	SGTDFTLTIS	SLQPEDFATY	YCQQSHEDPY	TFGQGTKVEI	KRTVAAPSVF
IFPPSDEQLK	SGTASVVCLL	NNFYPREAKV	QWKVDNALQS	GNSQESVTEQ	DSKDDSTYSL
STLTLSKADY	EKHKVYACEV	THQGLSSPVT	KSFNRGEC		

HEAVY CHAIN

E26

EVQLVESGGG	LVQPGGSLRL	SCAVSGYSIT	SGYSWNWIRQ	APGKGLEWVA	SITYDGSTNY
NPSVKGRITI	SRDDSKNTFY	LQMNSLRAED	TAVYYCARGS	HYFGHWHFAV	WGQGLVTVS
SASTKGPSVF	PLAPSSKSTS	GGTAALGCLV	KDYFPEPVT	SWNSGALTSG	VHTFPAVLQS
SGLYSLSSV	TVPSSSLGTQ	TYICNVNHKP	SNTKVDKKVE	PKSCDKTHT	

E27

EVQLVESGGG	LVQPGGSLRL	SCAVSGYSIT	SGYSWNWIRQ	APGKGLEWVA	SIKYSGETKY
NPSVKGRITI	SRDDSKNTFY	LQMNSLRAED	TAVYYCARGS	HYFGHWHFAV	WGQGLVTVS
SASTKGPSVF	PLAPSSKSTS	GGTAALGCLV	KDYFPEPVT	SWNSGALTSG	VHTFPAVLQS
SGLYSLSSV	TVPSSSLGTQ	TYICNVNHKP	SNTKVDKKVE	PKSCDKTHT	

FIG. 13

E26

EVQLVESGGG	LVQPGGSLRL	SCAVSGYSIT	SGYSWNWIRQ	APGKGLEWVA	SITYDGSTNY
NPSVKGRITI	SRDDSKNTFY	LQMNSLRAED	TAVYYCARGS	HYFGHWHFAV	WGQGLVTVS
SEGGGSEGGG	SEGGGSDIQL	TQSPSSLSAS	VGDRVITITCR	ASKPVDGEGD	SYLNWYQQKP
GKAPKLLIYA	ASYLESGVPS	RFGSGSGSTD	FTLTISLQ	EDFATYYCQQ	SHEDPYTFGQ
GTKVEIKR					

E27

EVQLVESGGG	LVQPGGSLRL	SCAVSGYSIT	SGYSWNWIRQ	APGKGLEWVA	SIKYSGETKY
NPSVKGRITI	SRDDSKNTFY	LQMNSLRAED	TAVYYCARGS	HYFGHWHFAV	WGQGLVTVS
SEGGGSEGGG	SEGGGSDIQL	TQSPSSLSAS	VGDRVITITCR	ASKPVDGEGD	SYLNWYQQKP
GKAPKLLIYA	ASYLESGVPS	RFGSGSGSTD	FTLTISLQ	EDFATYYCQQ	SHEDPYTFGQ
GTKVEIKR					

FIG. 14

LIGHT CHAIN

E26

DIQLTQSPSS LSASVGDRVT ITCRASKPVD GEGDSYLNWY QQKPGKAPKL LIYAASYLES
GVPSRFSGSG SGTDFTLTIS SLQPEDFATY YCQQSHEDPY TFGQGTKVEI KRTVAAPSVF
IFPPSDEQLK SGTASVVCLL NNFYPREAKV QWKVDNALQS GNSQESVTEQ DSKDSTYSLs
STLTLSKADY EKHKVYACEV THQGLSSPVT KSFNRGEC

E27

DIQLTQSPSS LSASVGDRVT ITCRASKPVD GEGDSYLNWY QQKPGKAPKL LIYAASYLES
GVPSRFSGSG SGTDFTLTIS SLQPEDFATY YCQQSHEDPY TFGQGTKVEI KRTVAAPSVF
IFPPSDEQLK SGTASVVCLL NNFYPREAKV QWKVDNALQS GNSQESVTEQ DSKDSTYSLs
STLTLSKADY EKHKVYACEV THQGLSSPVT KSFNRGEC

HEAVY CHAIN

E26

EVQLVESGGG LVQPGGSLRL SCAVSGYSIT SGYSWNWIRQ APGKGLEWVA SITYDGSTNY
NPSVKGRITI SRDDSKNTFY LQMNSLRAED TAVYYCARGS HYFGHWHFAV WGQGTTLVTVS
SASTKGPSVF PLAPSSKSTS GGTAALGCLV KDYFPEPVTV SWNSGALTSG VHTFPAVLQS
SGLYSLSSVV TVPSSSLGTQ TYICNVNHKP SNTKVDKKVE PKSCDKTHTC PPC

E27

EVQLVESGGG LVQPGGSLRL SCAVSGYSIT SGYSWNWIRQ APGKGLEWVA SIKYSGETKY
NPSVKGRITI SRDDSKNTFY LQMNSLRAED TAVYYCARGS HYFGHWHFAV WGQGTTLVTVS
SASTKGPSVF PLAPSSKSTS GGTAALGCLV KDYFPEPVTV SWNSGALTSG VHTFPAVLQS
SGLYSLSSVV TVPSSSLGTQ TYICNVNHKP SNTKVDKKVE PKSCDKTHTC PPC

FIG. 15